Climate Trends, Devils Tower National Monument, Wyoming

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Historical and projected climate trends (Gonzalez et al. 2010, IPCC 2007, Mitchell and Jones 2005) for the area that includes the national park.

	mean	SD		mean	SD	
Historical (1901-2002)						
temperature annual average	6.9	0.9	ºC	44	2	ºF.
temperature linear trend	0.8	Sig.	ºC/century	1.4	Sig.	ºF./cent.
precipitation annual average	420	86	mm/y	16.6	3	in./year
precipitation linear trend	-6	N.S.	%/century	-6	N.S.	%/century
Projected (1990-2100)						
IPCC B1 scenario (lower emissions)						
temperature annual average trend	2.8	1.1	ºC/century	5	2	ºF./cent.
precipitation annual average trend	3	12	%/century	3	12	%/century
IPCC A1B scenario (medium emissions)						
temperature annual average trend	3.8	1.1	ºC/century	7	2	ºF./cent.
precipitation annual average trend	3	12	%/century	3	12	%/century
IPCC A2 scenario (higher emissions)						
temperature annual average trend	4.4	1.1	ºC/century	8	2	ºF./cent.
precipitation annual average trend	6	12	%/century	6	12	%/century

SD = standard deviation; Sig. = statistically significant; N.S. = not statistically significant

References

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For More Information

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